

# TTP SEALS

## SNI 39



### Description

Product group: Rod seal  
Design: NI asymmetrical u-ring with inner main sealing lip  
Profile no.: 39  
Specification: E suitable for one-sided pressure load  
Model: ZL second seal lip  
Seal material: TPU 95 3401

### Operational application limits

Pressure (MPa):  $\leq 40$   
Temperature ( $^{\circ}\text{C}$ ):  $-40$  to  $+100$   
Running speed (m/s):  $\leq 0.5$

### Media

Hydraulic oils acc. to DIN 51524 Part 1 – 3, lubricating oils, mineral oil based lubricating greases, highly non-flammable hydraulic fluids HFA, HFB, HFC acc. to VDMA 24317

### Function

The SNI 39 u-ring is a single-acting rod seal with an asymmetrical design. A second seal lip supports the sealing function of the SNI 39 u-ring. Due to the synergy of the geometry and material, this design is exceptionally well-suited for extreme loads.

### Installation

U-rings can be installed in both solid and split housings. Please note for a solid housing application a minimum width is necessary and suitable installation tool may be required.

### Remarks

Seals made of TPU are very robust and are particularly well-suited for applications in mobile hydraulics and especially in the area of earth moving machines.